

## ABSTRACT

5 closed. The polymer is a multimodal polyethylene with a  
density of 0.930-0.965 g/cm<sup>3</sup>, an MFR<sub>5</sub> of 0.2-1.2 g/10 min,  
an M<sub>n</sub> of 8000-15000, an M<sub>w</sub> of 180-330 x 10<sup>3</sup>, and an M<sub>w</sub>/M<sub>n</sub>  
of 20-35, said multimodal polyethylene comprising a low  
10 molecular weight (LMW) ethylene homopolymer fraction and  
a high molecular weight (HMW) ethylene copolymer  
fraction, said HMW fraction having a lower molecular  
weight limit of 3500, and a weight ratio of the LMW  
fraction to the HMW fraction of (35-55):(65:45).

09/720998-053404